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(54) Title: RADIOPHARMACEUTICALS FOR CANCER DIAGNOSIS AND TREATMENT

(57) Abstract: Radionuclide labelled conjugates based on substance P and analogues thereof with the chelator (DOTAGA) (1 -(1 -rarboxy-3-carboxy-propyl)-4,7, 10(carboxymethyl)-1,4,7,10-tetraazacyclo-dodecane, DOTASA (1 -(1 -carboxy-2carboxy-ethyl)-4,7, 10 (carboxymethyl)1,4,7, 10-tetrazacyclo-dodecane, or chelator (DOTA) [1,4,7, 10 tetrazacacyclo-dodecane1,4,7, 1 0-tetra(acetie acid)] are useful rad iopharmaceutical substances for targeting and treatment of brain tumors, especially gliomas.